

Dialog 10/734,936
LLM 5/13/2006

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

***** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog *****

ENTER PASSWORD:

***** HHHHHHHH SSSSSSSS? *****

Status: Login successfulWelcome to DIALOG

Dialog level 05.11.05D

Last logoff: 12may06 14:25:46

Logon file405 13may06 14:00:57

*** ANNOUNCEMENTS ***

NEW FILES RELEASED

***Regulatory Affairs Journals (File 183)

***Index Chemicus (File 302)

***Inspec (File 202)

RESUMED UPDATING

***File 141, Reader's Guide Abstracts

RELOADS COMPLETED

***File 516, D&B--Dun's Market Identifiers

***File 523, D&B European Dun's Market Identifiers

***File 531, American Business Directory

*** MEDLINE has been reloaded with the 2006 MeSH (Files 154 & 155)

*** The 2005 reload of the CLAIMS files (Files 340, 341, 942)

is now available online.

DATABASES REMOVED

***File 196, FINDEX

***File 468, Public Opinion Online (POLL)

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

>>>For the latest news about Dialog products, services, content<<<

>>>and events, please visit What's New from Dialog at <<<

>>><http://www.dialog.com/whatsnew/>. You can find news about<<<

>>>a specific database by entering HELP NEWS <file number>.<<<

* * *

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
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Connections:

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(c) 2003 Dialog, a Thomson business. All rights reserved.

/H = Help

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/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b biosci

>>> 44 is unauthorized

>>> 76 is unauthorized

>>>2 of the specified files are not available

13may06 14:01:04 User276741 Session D139.1

\$0.00 0.218 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.03 TELNET

\$0.03 Estimated cost this search

\$0.03 Estimated total session cost 0.218 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/May W1

(c) 2006 BIOSIS

File 24:CSA Life Sciences Abstracts 1966-2006/Apr

(c) 2006 CSA.

File 28:Oceanic Abstracts 1966-2006/Apr

(c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/May W1

(c) 2006 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2006/Apr

(c) 2006 ProQuest Info&Learning

File 40:Enviroline(R) 1975-2006/Mar

File 41:Pollution Abstracts 1966-2006/Apr

(c) 2006 CSA.

File 50:CAB Abstracts 1972-2006/Apr

(c) 2006 CAB International

File 65:Inside Conferences 1993-2006/May 12
(c) 2006 BLDSC all rts. reserv.
File 71:ELSEVIER BIOBASE 1994-2006/May W1
(c) 2006 Elsevier Science B.V.
File 73:EMBASE 1974-2006/May 12
(c) 2006 Elsevier Science B.V.
File 91:MANTIS(TM) 1880-2006/Feb
2006 (c) Action Potential
File 94:JICST-EPlus 1985-2006/Feb W1
(c)2006 Japan Science and Tech Corp(JST)
File 98:General Sci Abs 1984-2004/Dec
(c) 2005 The HW Wilson Co.
File 110:WasteInfo 1974-2002/Jul
(c) 2002 AEA Techn Env.
***File 110: This file is closed (no updates)**
File 135:NewsRx Weekly Reports 1995-2006/May W1
(c) 2006 NewsRx
File 136:BioEngineering Abstracts 1966-2006/Apr
(c) 2006 CSA.
File 143:Biol. & Agric. Index 1983-2006/Apr
(c) 2006 The HW Wilson Co
File 144:Pascal 1973-2006/Apr W3
(c) 2006 INIST/CNRS
File 155:MEDLINE(R) 1951-2006/May 18
(c) format only 2006 Dialog
File 164:Allied & Complementary Medicine 1984-2006/May
(c) 2006 BLHCIS
File 172:EMBASE Alert 2006/May 12
(c) 2006 Elsevier Science B.V.
File 185:Zoological Record Online(R) 1978-2006/May
(c) 2006 BIOSIS
File 357:Derwent Biotech Res. _1982-2006/May W1
(c) 2006 Thomson Derwent & ISI
File 369:New Scientist 1994-2006/Feb W4
(c) 2006 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
***File 370: This file is closed (no updates). Use File 47 for more current information.**
File 391:Beilstein Reactions 2006/Q1
(c) 2005 Beilstein GmbH
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 467:ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd.
***File 467: F467 will close on February 1, 2006.**

7.

Set	Items	Description
?	s	((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))
>>>	Term "LOX"	is not defined in one or more files
>>>	Term "DIF"	is not defined in one or more files
>>>	Term "ATT"	is not defined in one or more files
Processing		
Processed 10 of 29 files ...		

Processing

Processed 20 of 29 files ...

Completed processing all files

```
5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC (W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE (W) SPECIFIC (W) RECOMBINASE
32642 CRE/LOX
1011 FLIPPASE
4734 FLP
617 XER/DIF
77882 INT/ATT
1248649 CHROMOSOME
495049 CHROMOSOMAL
1927931 ENGINEERING
516240 INTEGRATION
4067 (CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA (W) RED (W) SYSTEM
16 PKD46
S1 1 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC
(W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR
XER/DIF OR INT/ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W)
(ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE
OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W)
RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
```

(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA(W) RED (W) SYSTEM) OR PKD46))
? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase)
or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and ((chromosome
or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase
or recombination) (w) system) or (lambda-Red (w) (recombinase or
recombination) (w) system) or (lambda (w) Red (w)(recombinase or
recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda
(w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red
(w) system) or pKD46))

Processing

Processed 10 of 29 files ...

Processing

Completed processing all files

5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC (W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE (W) SPECIFIC (W) RECOMBINASE
32642 CRE
12297 LOX
1925 CRE (W) LOX
1011 FLIPPASE
4734 FLP
617 XER
5244 DIF
1 XER (W) DIF
77882 INT
13934 ATT
19 INT (W) ATT
1248649 CHROMOSOME
495049 CHROMOSOMAL
1927931 ENGINEERING
516240 INTEGRATION
4067 (CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
387572 LAMBDA
1261918 RED

190123 HELPER
 501835 PLASMID
 0 LAMBDA (W) RED (W) HELPER (W) PLASMID
 3 LAMBDA-RED
 20402933 SYSTEM
 0 LAMBDA-RED (W) SYSTEM
 387572 LAMBDA
 1261918 RED
 20402933 SYSTEM
 54 LAMBDA (W) RED (W) SYSTEM
 16 PKD46
 S2 1 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC
 (W) RECOMBINASE) OR CRE(W) LOX OR FLIPPASE OR FLP OR
 XER(W) DIF OR INT(W) ATT)) AND ((CHROMOSOME OR CHROMOSOMAL)
 (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W)
 (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED
 (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA
 (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
 (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
 (W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
 (LAMBDA (W) RED (W) SYSTEM) OR PKD46))

? t s2/medium

2/3/1 (Item 1 from file: 357)
 DIALOG(R) File 357:Derwent Biotech Res.
 (c) 2006 Thomson Derwent & ISI. All rts. reserv.

0345211 DBR Accession No.: 2004-17503 PATENT
**Directed integration of an expressible DNA fragment lacking a selectable
 marker into a bacterial chromosome comprises co-transforming
 recombination proficient host with at least two linear recombination
 elements - DNA fragment integration via recombination for use in
 biosynthetic pathway engineering**

AUTHOR: SUH W

PATENT ASSIGNEE: DU PONT DE NEMOURS and CO E I 2004

PATENT NUMBER: WO 200456973 PATENT DATE: 20040708 WPI ACCESSION NO.:

2004-507710 (200448)

PRIORITY APPLIC. NO.: US 434602 APPLIC. DATE: 20021219

NATIONAL APPLIC. NO.: WO 2003US41810 APPLIC. DATE: 20031219

LANGUAGE: English

? s ((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w)
 (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase
 or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or
 (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda
 (w) Red (w) system) or pKD46)

Processing

1261918 RED
 20733 RECOMBINASE
 386367 RECOMBINATION
 20402933 SYSTEM
 69 RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
 3 LAMBDA-RED
 20733 RECOMBINASE
 386367 RECOMBINATION
 20402933 SYSTEM
 0 LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
 387572 LAMBDA
 1261918 RED
 20733 RECOMBINASE
 386367 RECOMBINATION
 20402933 SYSTEM

```

37 LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED (W) HELPER (W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA (W) RED (W) SYSTEM
16 PKD46
S3 137 ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W)
SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W)
PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLASMID) OR
(LAMBDA-RED (W) SYSTEM) OR (LAMBDA (W) RED (W) SYSTEM) OR
PKD46)
? s s3 and ((site-specific (w) recombinase) or (site (w) specific (w)
recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)
137 S3
5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC (W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE (W) SPECIFIC (W) RECOMBINASE
32642 CRE
12297 LOX
1925 CRE (W) LOX
1011 FLIPPASE
4734 FLP
617 XER
5244 DIF
1 XER (W) DIF
77882 INT
13934 ATT
19 INT (W) ATT
S4 8 S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W)
SPECIFIC (W) RECOMBINASE) OR CRE (W) LOX OR FLIPPASE OR FLP
OR XER (W) DIF OR INT (W) ATT)

```

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

```

S5 5 RD (unique items)
? s s5 and ((triple or multiple) (w) homologous (w) recombination)
5 S5
199361 TRIPLE
2850907 MULTIPLE
525646 HOMOLOGOUS
386367 RECOMBINATION

```

6 (TRIPLE OR MULTIPLE) (W)HOMOLOGOUS(W)RECOMBINATION
S6 0 S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W)
RECOMBINATION)
? t s5/free/all

5/8/1 (Item 1 from file: 5)
0015882141 BIOSIS NO.: 200600227536
PCR-based tandem epitope tagging system for Escherichia coli genome
engineering
2006

5/8/2 (Item 2 from file: 5)
0015480514 BIOSIS NO.: 200510175014
Deletion of clpP in chromosome of E-coli by red recombination
2005

5/8/3 (Item 1 from file: 357)
0389600 DBR Accession No.: 2006-03096
PCR-based tandem epitope tagging system for Escherichia coli genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of Escherichia coli functional
genomics 2006

5/8/4 (Item 2 from file: 357)
0345211 DBR Accession No.: 2004-17503
Directed integration of an expressible DNA fragment lacking a selectable
marker into a bacterial chromosome comprises co-transforming
recombination proficient host with at least two linear recombination
elements - DNA fragment integration via recombination for use in
biosynthetic pathway engineering 2004

5/8/5 (Item 3 from file: 357)
0307618 DBR Accession No.: 2003-09403
Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library 2002

? t s5/mediu,k/5
>>>"MEDIU" is not a valid format name in file(s): 5, 24, 28, 34-35, 40-41,
50, 65, 71, 73, 91, 94, 98, 110, 135-136, 143-144, 155, 164, 172, 185,
357, 369-370, 391, 434, 467
? t s5/medium,k/5

5/K/5 (Item 3 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2006 Thomson Derwent & ISI. All rts. reserv.

0307618 DBR Accession No.: 2003-09403 PATENT
Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library
AUTHOR: GUST B; CHATER K F; KIESER T E
PATENT ASSIGNEE: PLANT BIOSCIENCE LTD 2002

PATENT NUMBER: WO 2002103010 PATENT DATE: 20021227 WPI ACCESSION NO.:
 2003-167518 (200316)
 PRIORITY APPLIC. NO.: GB 2002477 APPLIC. DATE: 20020109
 NATIONAL APPLIC. NO.: WO 2002GB2798 APPLIC. DATE: 20020614
 LANGUAGE: English

...ABSTRACT: a gene of interest. The marker is an antibiotic resistance marker. The recombining sequences are **FLP** recognition target (FRT) sequences, capable of being recombined by **FLP** recombinase activity in trans. Each FRT sequence comprises a palindrome having the palindromic half site...

... marker function. Step (e) follows steps (c) and (d), where the step (e) occurs by **FLP** recombinase-mediated recombination. **FLP** recombinase activity is provided in trans using a plasmid that shows inducible replication and induction of **FLP** synthesis under conditions in which replication will not occur, allowing simultaneous induction of **FLP** synthesis and loss of the plasmid, where the plasmid is temperature-inducible. Step (e) ... generated by PCR using primers whiIFRTforw and whiI773. Escherichia coli BW25113 containing the recombination plasmid **pKD46** was made electro-competent and transformed with Streptomyces coelicolor cosmid SC1C3. E. coli BW25113 containing the recombination plasmid **pKD46** and the cosmid SC1C3 were made chemical-competent and transformed with the whiI knockout cassette

...
 ? ds

Set	Items	Description
S1	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR - INTEGRATION)) AND ((RED (W) (RECOMBINASE OR RECOMBINATION) (- W) SYSTEM) OR
S2	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYST
S3	137	((RED (W) (RECOMBINASE OR RECOMBINATION) (W)SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLA
S4	8	S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(- W)DIF OR INT(W)ATT)
S5	5	RD (unique items)
S6	0	S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)

? s s4 and ((selectable (w) marker) or (kanamycin (w)(selectable or selective) (w) marker) or (antibiotic (w) (selectable or selective)(w) marker) or (enzyme (w) (selectable or selective) (w)marker) or (antibiotic (w) resistance (w) marker) or (enzymatic (w) marker) or (kanamycin (w) resistance) or (antibiotic (w) resistance))

Processing

Processed 10 of 29 files ...

Completed processing all files

8	S4
30889	SELECTABLE
962140	MARKER
19996	SELECTABLE(W)MARKER

```

57148 KANAMYCIN
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
6 KANAMYCIN(W) (SELECTABLE OR SELECTIVE) (W)MARKER
757449 ANTIBIOTIC
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
18 ANTIBIOTIC(W) (SELECTABLE OR SELECTIVE) (W)MARKER
4224158 ENZYME
30889 SELECTABLE
1664937 SELECTIVE
962140 MARKER
37 ENZYME(W) (SELECTABLE OR SELECTIVE) (W)MARKER
757449 ANTIBIOTIC
2893465 RESISTANCE
962140 MARKER
868 ANTIBIOTIC(W) RESISTANCE(W) MARKER
704944 ENZYMATIC
962140 MARKER
489 ENZYMATIC(W) MARKER
57148 KANAMYCIN
2893465 RESISTANCE
10418 KANAMYCIN(W) RESISTANCE
757449 ANTIBIOTIC
2893465 RESISTANCE
112403 ANTIBIOTIC(W) RESISTANCE
S7 7 S4 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN
(W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC
(W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ENZYME (W)
(SELECTABLE OR SELECTIVE) (W)MARKER) OR (ANTIBIOTIC (W)
RESISTANCE (W) MARKER) OR (ENZYMATIC (W) MARKER) OR
(KANAMYCIN (W) RESISTANCE) OR (ANTIBIOTIC (W)
RESISTANCE))

```

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 4 RD (unique items)

? t s8/free/all

8/8/1 (Item 1 from file: 5)

0015882141 BIOSIS NO.: 200600227536

**PCR-based tandem epitope tagging system for Escherichia coli genome
engineering
2006**

8/8/2 (Item 1 from file: 357)

0389600 DBR Accession No.: 2006-03096

**PCR-based tandem epitope tagging system for Escherichia coli genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of Escherichia coli functional
genomics 2006**

8/8/3 (Item 2 from file: 357)

0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004

8/8/4 (Item 3 from file: 357)

0307618 DBR Accession No.: 2003-09403

Generating a targeted nucleic acid disruption in an actinomycete, comprises integrating nucleic acid of the first nucleic acid construct from a transferred plasmid into a target actinomycete nucleic acid by homologous recombination - targeted DNA disruption generation and vector expression in host cell useful for host cell library 2002

? s ((chromosome or chromosomal) a(w) (engineering or integration))

>>>Invalid syntax

? s ((chromosome or chromosomal) (w) (engineering or integration))

1248649 CHROMOSOME

495049 CHROMOSOMAL

1927931 ENGINEERING

516240 INTEGRATION

S9 4067 ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION))

? s s9 and ((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)

4067 S9

5855 SITE-SPECIFIC

20733 RECOMBINASE

0 SITE-SPECIFIC(W)RECOMBINASE

3173017 SITE

6068726 SPECIFIC

20733 RECOMBINASE

1819 SITE(W)SPECIFIC(W)RECOMBINASE

32642 CRE

12297 LOX

1925 CRE(W)LOX

1011 FLIPPASE

4734 FLP

617 XER

5244 DIF

1 XER(W)DIF

77882 INT

13934 ATT

19 INT(W)ATT

S10 81 S9 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)

? s L10 and (((Red (w) (recombinase or recombination) (w)system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda (w) Red (w) system) or pKD46))

Processing

3146 L10

1261918 RED

20733 RECOMBINASE

386367 RECOMBINATION

20402933 SYSTEM

69 RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM

3 LAMBDA-RED

```

20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA(W) RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED(W) HELPER(W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
0 LAMBDA(W) RED(W) HELPER(W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED(W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA(W) RED(W) SYSTEM
16 PKD46
S11 0 L10 AND ((RED(W) (RECOMBINASE OR RECOMBINATION)
(W) SYSTEM) OR (LAMBDA-RED(W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA(W) RED
(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED(W) HELPER(W) PLASMID) OR (LAMBDA(W) RED
(W) HELPER(W) PLASMID) OR (LAMBDA-RED(W) SYSTEM) OR
(LAMBDA(W) RED(W) SYSTEM) OR PKD46) )
? s ((triple or multiple) (w) homologous (w) recombination)
199361 TRIPLE
2850907 MULTIPLE
525646 HOMOLOGOUS
386367 RECOMBINATION
S12 6 ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
? rd

```

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

```

S13 1 RD (unique items)
? t sl3/medium

```

```

13/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0015590675 BIOSIS NO.: 200510285175

Spontaneous homologous recombination is induced by collapsed replication forks that are caused by endogenous DNA single-strand breaks

AUTHOR: Saleh-Gohari Nasrollah; Bryant Helen E; Schultz Niklas; Parker Kayan A; Cassel Tobias N; Helleday Thomas (Reprint)

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DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

? s ((site-specific (w) recombinase) or (site (w) specific (w) recombinase)
or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)

5855 SITE-SPECIFIC
20733 RECOMBINASE
0 SITE-SPECIFIC(W) RECOMBINASE
3173017 SITE
6068726 SPECIFIC
20733 RECOMBINASE
1819 SITE(W) SPECIFIC(W) RECOMBINASE
32642 CRE
12297 LOX
1925 CRE(W) LOX
1011 FLIPPASE
4734 FLP
617 XER
5244 DIF
1 XER(W) DIF
77882 INT
13934 ATT
19 INT(W) ATT
S14 8831 ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC
(W) RECOMBINASE) OR CRE(W) LOX OR FLIPPASE OR FLP OR
XER(W) DIF OR INT(W) ATT)

? s s14 and ((Red (w) (recombinase or recombination) (w) system) or (lambda-
Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w)
(recombinase or recombination) (w) system) or (lambda-Red (w) helper (w)
plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system)
or (lambda (w) Red (w) system) or pKD46))

Processing

8831 S14
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA(W) RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED(W) HELPER(W) PLASMID
387572 LAMBDA
1261918 RED
190123 HELPER
501835 PLASMID
0 LAMBDA(W) RED(W) HELPER(W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM

```

0 LAMBDA-RED(W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA(W) RED(W) SYSTEM
16 PKD46
S15 8 S14 AND (((RED (W) (RECOMBINASE OR RECOMBINATION)
(W)SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED
(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA (W) RED (W) SYSTEM) OR PKD46) )
? s s15 and (((chromosome or chromosomal) (w) (engineering or integration)))
8 S15
1248649 CHROMOSOME
495049 CHROMOSOMAL
1927931 ENGINEERING
516240 INTEGRATION
4067 (CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)
S16 1 S15 AND (((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR
INTEGRATION)))
? t s16/free

```

16/8/1 (Item 1 from file: 357)

0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004

```

? s s10 and (((Red (w) (recombinase or recombination) (w)system) or (lambda-
Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w)
(recombinase or recombination) (w) system) or (lambda-Red (w) helper (w)
plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system)
or (lambda (w) Red (w) system) or pKD46) )
Processing

```

```

81 S10
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
69 RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
0 LAMBDA-RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
387572 LAMBDA
1261918 RED
20733 RECOMBINASE
386367 RECOMBINATION
20402933 SYSTEM
37 LAMBDA(W) RED(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
3 LAMBDA-RED
190123 HELPER
501835 PLASMID
0 LAMBDA-RED(W) HELPER(W) PLASMID
387572 LAMBDA
1261918 RED

```

```

190123 HELPER
501835 PLASMID
0 LAMBDA (W) RED (W) HELPER (W) PLASMID
3 LAMBDA-RED
20402933 SYSTEM
0 LAMBDA-RED (W) SYSTEM
387572 LAMBDA
1261918 RED
20402933 SYSTEM
54 LAMBDA (W) RED (W) SYSTEM
16 PKD46
S17 1 S10 AND ((RED (W) (RECOMBINASE OR RECOMBINATION)
(W)SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED
(W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA (W) RED (W) SYSTEM) OR PKD46) )
? ((first adj recombination adj (region or site)) and (s (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
>>>When using accession numbers with KEEP in OneSearch, you
>>>must use the FROM option to specify a file number.
? s ((first adj recombination adj (region or site)) and (s (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
Processing
Processed 20 of 29 files ...
Completed processing all files
0 FIRST ADJ RECOMBINATION ADJ (REGION
0 SITE)
0 S (SITE-SPECIFIC
3173017 SITE
0 SPECIFIC)
20733 RECOMBINASE
0 SITE (W) SPECIFIC (W) RECOMBINASE
30889 SELECTABLE
962140 MARKER
19996 SELECTABLE (W) MARKER
6274386 FIRST
386367 RECOMBINATION
5557160 REGION
3173017 SITE
32 FIRST (W) RECOMBINATION (W) (REGION OR SITE)
2931187 SECOND
386367 RECOMBINATION
5557160 REGION
3173017 SITE
47 SECOND (W) RECOMBINATION (W) (REGION OR SITE)
S18 0 ((FIRST ADJ RECOMBINATION ADJ (REGION OR SITE)) AND (S
(SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE)
AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION
(W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W)
(REGION OR SITE)))
? s ((first (w) recombination (w) (region or site)) and ( (site-specific or
(site (w) specific)) (w) recombinase) and (selectable (w) marker) and (first
(w) recombination (w) (region or site)) and (second (w) recombination (w)
(region or site)))
Processing

```

Processed 10 of 29 files ...

Completed processing all files

```
6274386 FIRST
386367 RECOMBINATION
5557160 REGION
3173017 SITE
32 FIRST(W)RECOMBINATION(W) (REGION OR SITE)
5855 SITE-SPECIFIC
3173017 SITE
6068726 SPECIFIC
128328 SITE(W)SPECIFIC
20733 RECOMBINASE
1819 (SITE-SPECIFIC OR SITE(W)SPECIFIC) (W)RECOMBINASE
30889 SELECTABLE
962140 MARKER
19996 SELECTABLE(W)MARKER
6274386 FIRST
386367 RECOMBINATION
5557160 REGION
3173017 SITE
32 FIRST(W)RECOMBINATION(W) (REGION OR SITE)
2931187 SECOND
386367 RECOMBINATION
5557160 REGION
3173017 SITE
47 SECOND(W)RECOMBINATION(W) (REGION OR SITE)
S19 1 ((FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND (
SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE)
AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION
(W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W)
(REGION OR SITE)))
```

? s s19/free

>>>Term "FREE" is not defined in one or more files

S20 1 S19/FREE

? t s19/free

19/8/1 (Item 1 from file: 357)

0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable marker into a bacterial chromosome comprises co-transforming recombination proficient host with at least two linear recombination elements - DNA fragment integration via recombination for use in biosynthetic pathway engineering 2004

? ds

Set	Items	Description
S1	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE/LOX OR FLIPPASE OR FLP OR XER/DIF OR INT/ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR - INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (-W) SYSTEM) OR
S2	1	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)) AND ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION)) AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYST
S3	137	((RED (W) (RECOMBINASE OR RECOMBINATION) (W)SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPER (W) PLA

S4 8 S3 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(-W)DIF OR INT(W)ATT)
 S5 5 RD (unique items)
 S6 0 S5 AND ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
 S7 7 S4 AND ((SELECTABLE (W) MARKER) OR (KANAMYCIN (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ENZYME (W) (SELECTABLE OR SELECTIVE) (W) MARKER) OR (ANTIBIOTIC (W) RESISTANCE (W) MARKER) OR (ENZYMATIC (W)
 S8 4 RD (unique items)
 S9 4067 ((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR INTEGRATION))
 S10 81 S9 AND ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(-W)DIF OR INT(W)ATT)
 S11 0 L10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) - SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S12 6 ((TRIPLE OR MULTIPLE) (W) HOMOLOGOUS (W) RECOMBINATION)
 S13 1 RD (unique items)
 S14 8831 ((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)
 S15 8 S14 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) - SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S16 1 S15 AND (((CHROMOSOME OR CHROMOSOMAL) (W) (ENGINEERING OR - INTEGRATION)))
 S17 1 S10 AND (((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) - SYSTEM) OR (LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED (W) HELPE
 S18 0 ((FIRST ADJ RECOMBINATION ADJ (REGION OR SITE)) AND (S (SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE) AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION (W) (REGION - OR SITE)) AND (SECOND (W) RECOMBINATION (W) (REGION OR SITE)))
 S19 1 ((FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND ((SITE-SPECIFIC OR (SITE (W) SPECIFIC)) (W) RECOMBINASE) AND (SELECTABLE (W) MARKER) AND (FIRST (W) RECOMBINATION (W) (REGION OR SITE)) AND (SECOND (W) RECOMBINATION (W) (REGION OR SITE)))
 S20 1 S19/FREE

? save temp

Temp SearchSave "TG2397996" stored

? b411

13may06 14:26:42 User276741 Session D139.2

\$23.82 4.038 DialUnits File5

\$0.00 3 Type(s) in Format 6

\$0.00 1 Type(s) in Format 66

\$0.00 4 Types

\$23.82 Estimated cost File5

\$5.95 0.959 DialUnits File24

\$5.95 Estimated cost File24

\$1.19 0.191 DialUnits File28

\$1.19 Estimated cost File28

	\$61.42	2.617	DialUnits	File34
\$61.42	Estimated cost File34			
	\$2.29	0.560	DialUnits	File35
\$2.29	Estimated cost File35			
	\$1.06	0.148	DialUnits	File40
\$1.06	Estimated cost File40			
	\$1.03	0.166	DialUnits	File41
\$1.03	Estimated cost File41			
	\$3.80	0.826	DialUnits	File50
\$3.80	Estimated cost File50			
	\$1.12	0.297	DialUnits	File65
\$1.12	Estimated cost File65			
	\$10.01	1.138	DialUnits	File71
\$10.01	Estimated cost File71			
	\$25.98	2.319	DialUnits	File73
\$25.98	Estimated cost File73			
	\$0.57	0.133	DialUnits	File91
\$0.57	Estimated cost File91			
	\$1.86	0.530	DialUnits	File94
\$1.86	Estimated cost File94			
	\$1.24	0.291	DialUnits	File98
\$1.24	Estimated cost File98			
	\$0.67	0.116	DialUnits	File110
\$0.67	Estimated cost File110			
	\$1.31	0.243	DialUnits	File135
\$1.31	Estimated cost File135			
	\$1.28	0.206	DialUnits	File136
\$1.28	Estimated cost File136			
	\$0.60	0.200	DialUnits	File143
\$0.60	Estimated cost File143			
	\$9.46	2.103	DialUnits	File144
\$9.46	Estimated cost File144			
	\$8.28	2.434	DialUnits	File155
\$8.28	Estimated cost File155			
	\$0.47	0.135	DialUnits	File164
\$0.47	Estimated cost File164			
	\$1.75	0.156	DialUnits	File172
\$1.75	Estimated cost File172			
	\$1.88	0.306	DialUnits	File185
\$1.88	Estimated cost File185			
	\$11.37	0.510	DialUnits	File357
	\$5.20	2	Type(s) in Format	3
	\$0.00	8	Type(s) in Format	6
	\$5.20	10	Types	
\$16.57	Estimated cost File357			
	\$0.46	0.131	DialUnits	File369
\$0.46	Estimated cost File369			
	\$0.48	0.137	DialUnits	File370
\$0.48	Estimated cost File370			
	\$0.00	0.281	DialUnits	File391
\$0.00	Estimated cost File391			
	\$10.35	0.441	DialUnits	File434
\$10.35	Estimated cost File434			
	\$0.68	0.106	DialUnits	File467
\$0.68	Estimated cost File467			
	OneSearch, 29 files, 21.720 DialUnits FileOS			
\$6.93	TELNET			
\$202.51	Estimated cost this search			
\$202.54	Estimated total session cost 21.937 DialUnits			

DIALINDEX(R)

(c) 2006 Dialog

*** DIALINDEX search results display in an abbreviated ***

*** format unless you enter the SET DETAIL ON command. ***

? sf all biosci

You have 560 files in your file list.

(To see banners, use SHOW FILES command)

? sf allbiosci

You have 81 files in your file list.

(To see banners, use SHOW FILES command)

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Items	File
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Examined 50 files

>>>Term "LOX" is not defined in file 357 and is ignored

>>>Term "DIF" is not defined in file 357 and is ignored

>>>Term "ATT" is not defined in file 357 and is ignored

1 357: Derwent Biotech Res.___1982-2006/May W1

1 file has one or more items; file list includes 81 files.

One or more terms were invalid in all files.

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and ((chromosome or chromosomal) (w) (engineering or integration)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Items	File
-------	------

Examined 50 files

1 357: Derwent Biotech Res. __1982-2006/May W1

1 file has one or more items; file list includes 81 files.

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Your SELECT statement is:

s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase) or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or recombination) (w) system) or (lambda (w) Red (w) (recombinase or recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red (w) system) or pKD46))

Items File

2 5: Biosis Previews(R)_1969-2006/May W1
1 34: SciSearch(R) Cited Ref Sci_1990-2006/May W1
1 144: Pascal_1973-2006/Apr W3
1 155: MEDLINE(R)_1951-2006/May 18

Examined 50 files

3 357: Derwent Biotech Res. __1982-2006/May W1
1 399: CA SEARCH(R)_1967-2006/UD=14420

6 files have one or more items; file list includes 81 files.

? b 5,34,144,155,357,399

13may06 14:31:11 User276741 Session D139.3

\$24.55 9.263 DialUnits File411

\$24.55 Estimated cost File411

\$1.33 TELNET

\$25.88 Estimated cost this search

\$228.42 Estimated total session cost 31.201 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/May W1

(c) 2006 BIOSIS

File 34:SciSearch(R) Cited Ref Sci 1990-2006/May W1

(c) 2006 Inst for Sci Info

File 144:Pascal 1973-2006/Apr W3

(c) 2006 INIST/CNRS

File 155:MEDLINE(R) 1951-2006/May 18

(c) format only 2006 Dialog

File 357:Derwent Biotech Res. __1982-2006/May W1

(c) 2006 Thomson Derwent & ISI

File 399:CA SEARCH(R) 1967-2006/UD=14420

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***File 399: Use is subject to the terms of your user/customer agreement.**

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set Items Description

? s (((site-specific (w) recombinase) or (site (w) specific (w) recombinase)
 or Cre(w)lox or flippase or Flp or Xer(w)dif or Int(w)att)) and (((Red (w)
 (recombinase or recombination) (w) system) or (lambda-Red (w) (recombinase or
 recombination) (w) system) or (lambda (w) Red (w) (recombinase or
 recombination) (w) system) or (lambda-Red (w) helper (w) plasmid) or (lambda
 (w) Red (w) helper (w) plasmid) or (lambda-Red (w) system) or (lambda(w) Red
 (w) system) or pKD46))

Processing

4668	SITE-SPECIFIC
13715	RECOMBINASE
0	SITE-SPECIFIC (W) RECOMBINASE
1847411	SITE
3915368	SPECIFIC
13715	RECOMBINASE
1173	SITE (W) SPECIFIC (W) RECOMBINASE
23022	CRE
8405	LOX
1308	CRE (W) LOX
749	FLIPPASE
3564	FLP
476	XER
3332	DIF
2	XER (W) DIF
57444	INT
10285	ATT
13	INT (W) ATT
873611	RED
13715	RECOMBINASE
317803	RECOMBINATION
14587414	SYSTEM
51	RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
2	LAMBDA-RED
13715	RECOMBINASE
317803	RECOMBINATION
14587414	SYSTEM
0	LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
228894	LAMBDA
873611	RED
13715	RECOMBINASE
317803	RECOMBINATION
14587414	SYSTEM
26	LAMBDA (W) RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM
2	LAMBDA-RED
115774	HELPER
372875	PLASMID
0	LAMBDA-RED (W) HELPER (W) PLASMID
228894	LAMBDA
873611	RED
115774	HELPER
372875	PLASMID
0	LAMBDA (W) RED (W) HELPER (W) PLASMID
2	LAMBDA-RED
14587414	SYSTEM
0	LAMBDA-RED (W) SYSTEM
228894	LAMBDA
873611	RED
14587414	SYSTEM
40	LAMBDA (W) RED (W) SYSTEM
20	PKD46
S1	9 (((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC

(W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR
XER(W)DIF OR INT(W)ATT)) AND (((RED (W) (RECOMBINASE OR
RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W)
(RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA (W)
RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR
(LAMBDA-RED (W) HELPER (W) PLASMID) OR (LAMBDA (W) RED
(W) HELPER (W) PLASMID) OR (LAMBDA-RED (W) SYSTEM) OR
(LAMBDA(W) RED (W) SYSTEM) OR PKD46))

? rd

S2 6 RD (unique items)

? t s2/free/all

>>>"FREE" is not a valid format name in file(s): 399

2/6/1 (Item 1 from file: 5)

0015882141 BIOSIS NO.: 200600227536

PCR-based tandem epitope tagging system for Escherichia coli genome
engineering

2006

2/6/2 (Item 2 from file: 5)

0015480514 BIOSIS NO.: 200510175014

Deletion of clpP in chromosome of E-coli by red recombination

2005

2/6/3 (Item 1 from file: 357)

0389600 DBR Accession No.: 2006-03096

PCR-based tandem epitope tagging system for Escherichia coli genome
engineering - the use of tandem epitope tagging based on the polymerase
chain reaction for investigation of Escherichia coli functional
genomics 2006

2/6/4 (Item 2 from file: 357)

0345211 DBR Accession No.: 2004-17503

Directed integration of an expressible DNA fragment lacking a selectable
marker into a bacterial chromosome comprises co-transforming
recombination proficient host with at least two linear recombination
elements - DNA fragment integration via recombination for use in
biosynthetic pathway engineering 2004

2/6/5 (Item 3 from file: 357)

0307618 DBR Accession No.: 2003-09403

Generating a targeted nucleic acid disruption in an actinomycete, comprises
integrating nucleic acid of the first nucleic acid construct from a
transferred plasmid into a target actinomycete nucleic acid by
homologous recombination - targeted DNA disruption generation and
vector expression in host cell useful for host cell library 2002

? t s2/medium5-6

>>>'-' not allowed as format type

? t s2/medium/5-6

2/3/5 (Item 3 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

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0307618 DBR Accession No.: 2003-09403 PATENT

Generating a targeted nucleic acid disruption in an actinomycete, comprises

integrating nucleic acid of the first nucleic acid construct from a transferred plasmid into a target actinomycete nucleic acid by homologous recombination - targeted DNA disruption generation and vector expression in host cell useful for host cell library

AUTHOR: GUST B; CHATER K F; KIESER T E
PATENT ASSIGNEE: PLANT BIOSCIENCE LTD 2002
PATENT NUMBER: WO 2002103010 PATENT DATE: 20021227 WPI ACCESSION NO.:
2003-167518 (200316)
PRIORITY APPLIC. NO.: GB 2002477 APPLIC. DATE: 20020109
NATIONAL APPLIC. NO.: WO 2002GB2798 APPLIC. DATE: 20020614
LANGUAGE: English

2/3/6 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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141083548 CA: 141(6)83548p PATENT

Method for integration of foreign genetic elements into bacterial chromosomes without a cloning step

INVENTOR(AUTHOR): Suh, Wonchul

LOCATION: USA

ASSIGNEE: E.I. Du Pont de Nemours and Company

PATENT: PCT International ; WO 200456973 A2 DATE: 20040708

APPLICATION: WO 2003US41810 (20031219) *US PV434602 (20021219)

PAGES: 96 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; BG; CH; CY
; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;
SI; SK; TR

? da

? ds

Set	Items	Description
S1	9	((SITE-SPECIFIC (W) RECOMBINASE) OR (SITE (W) SPECIFIC (W) RECOMBINASE) OR CRE(W)LOX OR FLIPPASE OR FLP OR XER(W)DIF OR INT(W)ATT)) AND ((RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) OR (LAMBDA-RED (W) (RECOMBINASE OR RECOMBINATION) (W) SYSTEM) O

S2 6 RD (unique items)

? save temp

Temp SearchSave "TD239800237" stored

? logoff

13may06 14:33:30 User276741 Session D139.4

\$3.79 0.643 DialUnits File5

\$0.00 2 Type(s) in Format 6

\$0.00 2 Types

\$3.79 Estimated cost File5

\$8.58 0.366 DialUnits File34

\$8.58 Estimated cost File34

\$1.22 0.272 DialUnits File144

\$1.22 Estimated cost File144

\$1.16 0.340 DialUnits File155

\$1.16 Estimated cost File155

\$1.52 0.068 DialUnits File357

\$2.60 1 Type(s) in Format 3

\$0.00 3 Type(s) in Format 6

\$2.60 4 Types

\$4.12 Estimated cost File357

\$5.23 0.417 DialUnits File399

\$2.75 1 Type(s) in Format 3
\$2.75 1 Types
\$7.98 Estimated cost File399
OneSearch, 6 files, 2.105 DialUnits FileOS
\$0.80 TELNET
\$27.65 Estimated cost this search
\$256.07 Estimated total session cost 33.306 DialUnits

Logoff: level 05.11.05 D 14:33:30

You are now logged off

10/734,936
5/13/2006 LLW

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020151058"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:19
L2	57	tugendreich	US-PGPUB; USPAT	OR	ON	2006/05/13 13:21
L3	25	tugendreich and perkins	US-PGPUB; USPAT	OR	ON	2006/05/13 13:22
L4	83	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18
L5	31	L4 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:47
L6	25	L5 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:02
L7	0	L6 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 13:47
L8	2448	((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 13:40
L9	0	L6 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 13:43
L10	5	L8 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L11	0	L10 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 13:44
L12	20	L4 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L13	2	L12 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:05
L14	14	L12 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:05
L15	0	L14 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:03

10/734,936
5/13/2006 LLM

EAST Search History

L16	20	L8 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L17	2	L16 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L18	242	L8 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:15
L19	14	L18 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L20	0	L19 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:12
L21	5	L19 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L22	0	L21 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L23	6	((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:13
L24	1	L23 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:17
L27	0	L24 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:15

EAST Search History

L28	0	L24 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:14
L29	0	L24 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:26
L30	4887	((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L31	242	L30 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:19
L32	5	L31 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L33	0	L32 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:19
L34	152	L31 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:36
L35	0	L34 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:20
L37	0	L34 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46) or ("lambda.-Red" adj recombinase))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18

EAST Search History

L38	83	((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46 or ("lambda-Red" adj recombinase))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:18
L39	3155	L30 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L40	152	L39 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L41	25	L39 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L42	0	L39 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:27
L43	0	L40 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:21
L44	0	L41 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:26

EAST Search History

L45	14	((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)) and ((chromosome or chromosomal) adj (engineering or integration)) and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L46	0	L45 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:22
L47	1889	L8 and ((selectable adj marker) or (kanamycin adj (selectable or selective) adj marker) or (antibiotic adj (selectable or selective) adj marker) or (enzyme adj (selectable or selective) adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker) or (kanamycin adj resistance) or (antibiotic adj resistance))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L48	1308	L47 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L49	2	L48 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L50	73	L4 and ((selectable adj marker) or (kanamycin adj (selectable or selective) adj marker) or (antibiotic adj (selectable or selective) adj marker) or (enzyme adj (selectable or selective) adj marker) or (antibiotic adj resistance adj marker) or (enzymatic adj marker) or (kanamycin adj resistance) or (antibiotic adj resistance))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25

EAST Search History

L51	29	L50 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:25
L52	25	L51 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L53	0	L52 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:36
L55	0	L52 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L56	2	(inter-operon adj chromosomal adj integration adj site)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L57	0	(double adj stranded adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L58	0	(linear adj double adj stranded adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:32
L60	0	(linear adj ds adj recombination adj element)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:33
L61	41	((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L62	20	L61 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:45
L63	5	L62 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:47
L64	0	L63 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:47

EAST Search History

L65	0	L62 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:37
L66	5	L63 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:50
L67	0	L66 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:48
L68	10861	((lac adj (operon or operator or promoter)) or ((phage adj T5) or pt5) or ((phage adj T7) or pt7))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:45
L69	8133	L68 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
L70	301	L69 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:51
L71	0	L70 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
L72	4	L69 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L73	0	L70 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52

EAST Search History

L74	270	L69 and ((site-specific adj recombinase) or (site adj specific adj recombinase) or Cre/lox or flippase or Flp or Xer/dif or Int/att)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:50
L75	55	L74 and ((chromosome or chromosomal) adj (engineering or integration))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:51
L76	1	L74 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L77	0	L75 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L78	0	L74 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L79	0	L75 and ((triple or multiple) adj homologous adj recombination)	US-PGPUB; USPAT	OR	ON	2006/05/13 14:52
L80	0	L72 and (((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L81	12	L68 and (((first adj recombination adj (region or site)) and ((site-specific or (site adj specific)) adj recombinase) and (selectable adj marker) and (second adj recombination adj (region or site)) and (third adj recombination adj (region or site))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:57
L82	4	L81 and @ad<="20021219"	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58

EAST Search History

L83	0	L82 and (((Red adj (recombinase or recombination) adj system) or (lambda-Red adj (recombinase or recombination) adj system) or (lambda adj Red adj(recombinase or recombination) adj system) or (lambda-Red adj helper adj plasmid) or (lambda adj Red adj helper adj plasmid) or (lambda-Red adj system) or (lambda adj Red adj system) or pKD46))	US-PGPUB; USPAT	OR	ON	2006/05/13 14:58
-----	---	--	--------------------	----	----	------------------